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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 02	LMEDLINE coverage updated
NEWS 3	JUL 02	SCISEARCH enhanced with complete author names
NEWS 4	JUL 02	CHEMCATS accession numbers revised
NEWS 5	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS 6	JUL 16	CAplus enhanced with French and German abstracts
NEWS 7	JUL 18	CA/CAplus patent coverage enhanced
NEWS 8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9	JUL 30	USGENE now available on STN
NEWS 10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 12	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 13	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 15	AUG 27	USPATOLD now available on STN
NEWS 16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 18	SEP 13	FORIS renamed to SOFIS
NEWS 19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS 20	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 21	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 24	OCT 19	BEILSTEIN updated with new compounds
NEWS 25	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 26	NOV 19	WPIX enhanced with XML display format
NEWS 27	NOV 30	ICSD reloaded with enhancements
NEWS 28	DEC 04	LINPADOCDB now available on STN

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 NEWS EXPRESS  19 SEPTEMBER 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 19:39:26 ON 05 DEC 2007

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    0.21       0.21

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DICTIONARY FILE UPDATES:   4 DEC 2007  HIGHEST RN 956696-50-7

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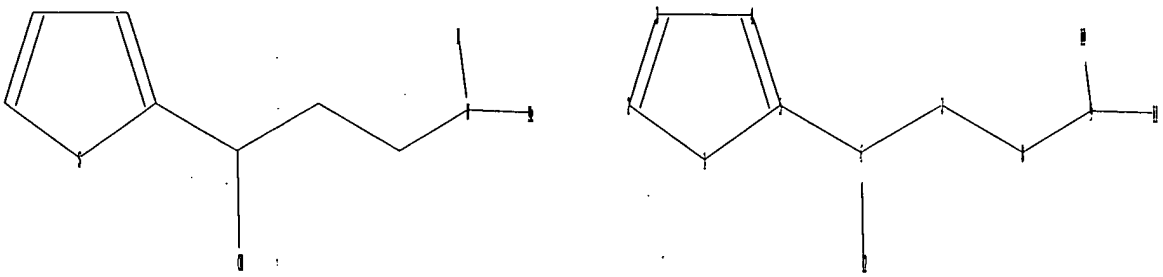
Uploading C:\Program Files\Stnexp\Queries\10573130.str



chain nodes :
6 7 8 9 10 11 12
ring nodes :
1 2 3 4 5
chain bonds :
5-6 6-7 6-12 7-8 8-9 9-10 9-11
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
6-12 8-9
exact bonds :
1-2 1-5 2-3 3-4 4-5 5-6 6-7 7-8 9-10 9-11
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 19:39:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 457 TO ITERATE

100.0% PROCESSED 457 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7858 TO 10422
PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 19:40:06 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9380 TO ITERATE

100.0% PROCESSED 9380 ITERATIONS 31 ANSWERS
SEARCH TIME: 00.00.01

L3 31 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	173.00	173.21

FILE 'CAPLUS' ENTERED AT 19:41:37 ON 05 DEC 2007
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FILE COVERS 1907 - 5 Dec 2007 VOL 147 ISS 24
FILE LAST UPDATED: 4 Dec 2007 (20071204/ED)

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http://www.cas.org/infopolicy.html

=> s l3
L4 54 L3

=> s l4 and (process or prepar? or synthes? or make or made or method)
2530039 PROCESS
1723396 PROCESSES
3772499 PROCESS
(PROCESS OR PROCESSES)
1834714 PREPAR?
134389 PREP
2315 PREPS
136488 PREP
(PREP OR PREPS)
2131332 PREPD

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            3 PREPDS
      2131334 PREPD
                (PREPD OR PREPDS)
       148116 PREPG
            9 PREPGS
       148124 PREPG
                (PREPG OR PREPGS)
      2864108 PREPN
       211609 PREPNS
      3023483 PREPN
                (PREPN OR PREPNS)
      5087158 PREPAR?
                (PREPAR? OR PREP OR PREPD OR PREPG OR PREPN)
      1676096 SYNTHES?
       274884 MAKE
       213832 MAKES
       473229 MAKE
                (MAKE OR MAKES)
      1331661 MADE
           26 MADES
      1331682 MADE
                (MADE OR MADES)
      3569029 METHOD
      1425215 METHODS
      4592445 METHOD
                (METHOD OR METHODS)
L5          53 L4 AND (PROCESS OR PREPAR? OR SYNTHES? OR MAKE OR MADE OR
METHOD
                )

=> s l5 and enzyme
       835365 ENZYME
       476050 ENZYMES
      1052936 ENZYME
                (ENZYME OR ENZYMES)
L6           2 L5 AND ENZYME

=> s l5 and dehydrogenase
       172129 DEHYDROGENASE
        24655 DEHYDROGENASES
       175252 DEHYDROGENASE
                (DEHYDROGENASE OR DEHYDROGENASES)
L7           4 L5 AND DEHYDROGENASE

=> dup rem l6 l7
PROCESSING COMPLETED FOR L6
PROCESSING COMPLETED FOR L7
L8           5 DUP REM L6 L7 (1 DUPLICATE REMOVED)

=> d l8 ibib abs hitstr hitind 1-5

L8   ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2007 ACS on STN
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ACCESSION NUMBER: 2007:329401 CAPLUS
DOCUMENT NUMBER: 146:311480
TITLE: Candida dehydrogenases and their use in production of optically active alkanols
INVENTOR(S): Breuer, Michael; Friedrich, Thomas; Kesseler, Maria
PATENT ASSIGNEE(S): BASF A.-G., Germany
SOURCE: Ger. Offen., 18pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102005044736	A1	20070322	DE 2005-102005044736	20050919
WO 2007033928	A1	20070329	WO 2006-EP66336	20060914

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2005-102005044736A 20050919

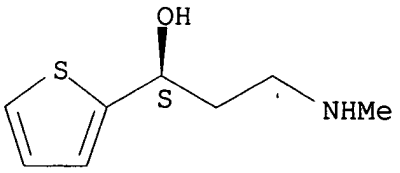
OTHER SOURCE(S): CASREACT 146:311480; MARPAT 146:311480

AB The present invention concerns Candida dehydrogenases for the reduction of substituted alkanols, such as 3-methylamino-1-(2-thienyl)-propane-1-one. The invention concerns further nucleic acids, which code for these proteins, nucleic acid constructs, vectors, genetically altered microorganisms as well as procedures for production of optically active substituted alkanols, such as (S)-3-methylamino-1-(2-thienyl)-(S)-propanol.

IT 116539-55-0P
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(Candida dehydrogenases and their use in production of optically active alkanols)

RN 116539-55-0 CAPLUS
CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]-, (αS)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



CC 7-2 (Enzymes)
Section cross-reference(s): 3, 10, 16
ST sequence Candida dehydrogenase gene; alkanol prodn stereospecific redn alkanone Candida dehydrogenase

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2005:324149 CAPLUS
DOCUMENT NUMBER: 142:392275
TITLE: enzymic and nonenzymic methods for the preparation of 3-methylamino-1-(thien-2-yl)propan-1-ol.
INVENTOR(S): Stuermer, Rainer; Kesseler, Maria; Hauer, Bernhard; Friedrich, Thomas; Breuer, Michael
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005033094	A2	20050414	WO 2004-EP10939	20040930
WO 2005033094	A3	20051124		
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10345772	A1	20050421	DE 2003-10345772	20031001
EP 1670779	A2	20060621	EP 2004-765718	20040930
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1860110	A	20061108	CN 2004-80028108	20040930
JP 2007533628	T	20071122	JP 2006-530058	20040930

US 2007083055 A1 20070412 US 2006-573130 20060517
PRIORITY APPLN. INFO.: DE 2003-10345772 A 20031001
WO 2004-EP10939 W 20040930

OTHER SOURCE(S): CASREACT 142:392275

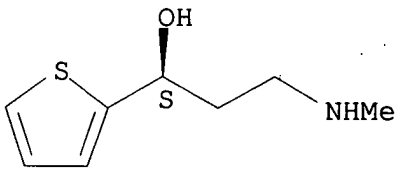
AB The invention relates to enzymic and non-enzymic methods for the production of 3-methylamino-1-(thien-2-yl)propan-1-ol, o enzymes for carrying out said method, nucleic acid sequences coding for said enzymes, expression cassettes containing them, vectors and recombinant hosts. A process for preparation of 3-methylamino-1-(thien-2-yl)propan-1-ol comprises reaction of thiophene with a β-halopropionyl halide or an acryloyl halide in the presence of a Lewis acid to obtain a 3-halo-1-(thien-2-yl)propan-1-one, reduction, and treatment with MeNH2. A hydrogen halide is added during or after the first reaction step but before isolation of propanone product. (S)-3-methylamino-1-(thien-2-yl)propan-1-ol is prepared via treatment of the propanone with a chiral reducing agent. Thus, thiophene in dichloroethane was treated with AlCl3 and then with 3-chloropropionyl chloride followed by stirring for 12 h and addition of gaseous HCl to give 96% 3-chloro-1-(thien-2-yl)propan-1-one. The latter in PhMe/MeOH at 0° was treated with 30% aqueous NaOH and then with NaBH4; after 40 min. aqueous MeNH2 was added followed by stirring for 6 h at 60° to give 3-methylamino-1-(thien-2-yl)propan-1-ol.

IT 116539-55-0P, (S)-3-Methylamino-1-(thien-2-yl)propan-1-ol
RL: BPN (Biosynthetic preparation); IMF (Industrial manufacture); BIOL (Biological study); PREP (Preparation)
(enzymic and nonenzymic methods for the preparation of methylaminothienylpropanol)

RN 116539-55-0 CAPLUS

CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]-, (αS)- (CA INDEX NAME)

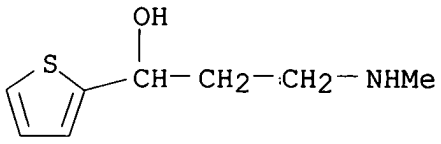
Absolute stereochemistry. Rotation (-).



IT 116539-56-1P, 3-Methylamino-1-(thien-2-yl)propan-1-ol
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(enzymic and nonenzymic methods for the preparation of methylaminothienylpropanol)

RN 116539-56-1 CAPLUS

CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]- (CA INDEX NAME)



IC ICM C07D333-16
CC 27-8 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 16

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:732639 CAPLUS
DOCUMENT NUMBER: 143:192413
TITLE: A chemoenzymic synthesis of enantiomerically pure aminoalcohols
INVENTOR(S): Stuermer, Rainer
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005073215	A1	20050811	WO 2005-EP420	20050118
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004004719	A1	20050818	DE 2004-102004004719	20040129
EP 1713788	A1	20061025	EP 2005-700995	20050118
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1914190	A	20070214	CN 2005-80003670	20050118
JP 2007519655	T	20070719	JP 2006-550005	20050118
US 2007128704	A1	20070607	US 2006-587440	20060726
PRIORITY APPLN. INFO.:			DE 2004-102004004719A	20040129

OTHER SOURCE(S): CASREACT 143:192413

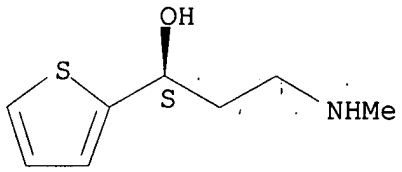
AB A process is provided for the chemoenzymic synthesis of (1S)-3-methylamino-1-(2-thienyl)-propan-1-ol from 3-chloro-1-(2-thienyl)-1-propanone using a three step procedure. First, 3-chloro-1-(2-thienyl)-1-propanone is chemical reduced to 3-chloro-1-(2-thienyl)-1-propanol using sodium borohydride. This product is then stereoselectively acylated succinic anhydride in a kinetic resolution catalyzed by an immobilized lipase. The unreacted 3S-chloro-1-(2-thienyl)-1-propanol is separated from the R conjugate base and then aminated with methylamine to form (1S)-3-methylamino-1-(2-thienyl)-propan-1-ol.

IT 116539-55-0P
RL: IMF (Industrial manufacture); PRP (Properties); PUR (Purification or recovery); PREP (Preparation)
(chemoenzymic synthesis of enantiomerically pure aminoalcs.)

RN 116539-55-0 CAPLUS

CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]-, (αS)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IC ICM C07D333-14
ICS C07D333-20

CC 16-5 (Fermentation and Bioindustrial Chemistry)
Section cross-reference(s): 27

ST chiral aminoalc synthesis chemoenzymic

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:870926 CAPLUS

DOCUMENT NUMBER: 141:348875

TITLE: L-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols

INVENTOR(S): Althoefer, Henning; Kesseler, Maria

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 41 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10315760	A1	20041021	DE 2003-10315760	20030407
CA 2521288	A1	20041021	CA 2004-2521288	20040406
WO 2004090094	A2	20041021	WO 2004-EP3655	20040406
WO 2004090094	A3	20050317		

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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1613745	A2	20060111	EP 2004-725924	20040406

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

CN 1771323	A	20060510	CN 2004-80009243	20040406
JP 2006521800	T	20060928	JP 2006-505019	20040406
US 2006211099	A1	20060921	US 2005-552218	20051006

PRIORITY APPLN. INFO.: DE 2003-10315760 A 20030407
WO 2004-EP3655 W 20040406

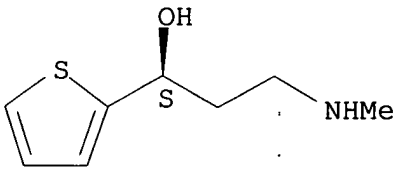
OTHER SOURCE(S): CASREACT 141:348875

AB The present invention concerns proteins, which possess an enzymic activity for reduction of substituted alkanones, such as 3-methylamino-1-(2-thienyl)-propane-1-one. Furthermore, the invention concerns nucleic acids which code for these proteins, vectors, and genetically modified microorganisms as well as procedures for the production of substituted (S)-alkanols, e.g., (S)-3-methylamino-1-(2-thienyl)-(S)-propanol. This compound may be used in the synthesis of duloxetine.

IT 116539-55-0P
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

RN 116539-55-0 CAPLUS
CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]-, (αS)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IC ICM C12N009-04
ICS C12N015-53; C12P017-00; C12P007-02
CC 16-2 (Fermentation and Bioindustrial Chemistry)
Section cross-reference(s): 3, 7
ST carnitine dehydrogenase alkanone redn chiral alkanol duloxetine synthesis
IT Alcohols, preparation
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BIOL
(Biological study); PREP (Preparation)
(chiral; l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)
IT Agrobacterium
Agrobacterium tumefaciens
Alcaligenes
Archaeoglobus
Archaeoglobus fulgidus
Enterobacteriaceae
Mesorhizobium loti
Molecular cloning
Nocardiaceae
Pseudomonadaceae
Pseudomonas
Pseudomonas aeruginosa
Pseudomonas putida
Rhizobiaceae
Rhizobium
Staphylococcus
Staphylococcus epidermidis
Streptomyces
Streptomyces coelicolor
Streptomycetaceae
Xanthomonas
Xanthomonas campestris
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)
IT 775366-21-7, Dehydrogenase, carnitine (Alcaligenes)

775366-22-8 775366-23-9 775366-24-0 775366-25-1 775366-26-2
775366-27-3 775366-28-4 775366-29-5
RL: CAT (Catalyst use); PRP (Properties); USES (Uses)
(amino acid sequence; l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

IT 116539-55-0P
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BIOL
(Biological study); PREP (Preparation)
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

IT 9028-40-4, E.c. 1.1.1.35 9045-45-8, E.c. 1.1.1.108
RL: CAT (Catalyst use); USES (Uses)
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

IT 667465-15-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

IT 116539-59-4P, Duloxetine
RL: SPN (Synthetic preparation); PREP (Preparation)
(l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

IT 775366-20-6
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(nucleotide sequence; l-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:605494 CAPLUS
DOCUMENT NUMBER: 141:140312
TITLE: 3-Methylamino-1-(2-thienyl)-1-propanone preparation and its use as a pharmaceutical intermediate
PATENT ASSIGNEE(S): BASF Ag, Germany
SOURCE: Ger. Offen., 4 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

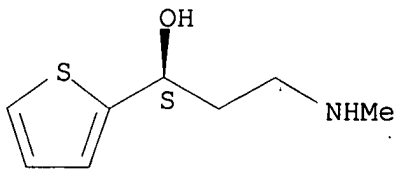
DE 10302595	A1	20040729	DE 2003-10302595	20030122
CA 2513542	A1	20040805	CA 2004-2513542	20040115
WO 2004065376	A1	20040805	WO 2004-EP237	20040115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
EP 1587802	A1	20051026	EP 2004-702333	20040115
EP 1587802	B1	20071114		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1742003	A	20060301	CN 2004-80002686	20040115
JP 2006515878	T	20060608	JP 2006-500570	20040115
US 2006128791	A1	20060615	US 2005-542003	20050712
US 7259264	B2	20070821		
IN 2005CN01988	A	20070831	IN 2005-CN1988	20050822
PRIORITY APPLN. INFO.:			DE 2003-10302595 A	20030122
			WO 2004-EP237 W	20040115

AB 3-Methylamino-1-(2-thienyl)-1-propanone and its acid addition salts (e.g., the hydrochloride), which are useful as an intermediate in the production of the pharmaceutical (+)-(S)-N-methyl-3-(1-naphthyloxy)-3-(2-thienyl)propylamine oxalate (i.e., Duloxetine oxalate), are prepd.

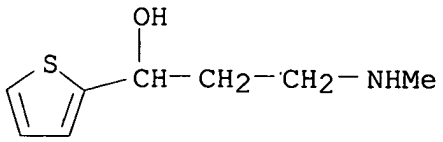
IT 116539-55-0P 116539-56-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 116539-55-0 CAPLUS
CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]-, (αS)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 116539-56-1 CAPLUS
CN 2-Thiophenemethanol, α-[2-(methylamino)ethyl]- (CA INDEX NAME)



IC ICM C07D333-20
ICS C07D333-10; C12P017-00
CC 27-8 (Heterocyclic Compounds (One Hetero Atom))
ST methylaminothienylpropanone prepn
IT Stereochemistry
(in the preparation of (+)-(S)-N-methyl-3-(1-naphthyloxy)-3-(2-thienyl)propylamine oxalate)
IT 645411-16-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(3-methylamino-1-(2-thienyl)-1-propanone preparation and its use as a pharmaceutical intermediate)
IT 9035-82-9, Dehydrogenase
RL: CAT (Catalyst use); USES (Uses)
(in the prepare of)
IT 5424-47-5 40570-64-7, 3-Chloro-1-(2-thienyl)-1-propanone 494221-37-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(in the preparation of 3-methylamino-1-(2-thienyl)-1-propanone)
IT 74-89-5, Methylamine, reactions
RL: RCT (Reactant); RGT (Reagent); RACT (Reactant or reagent)
(in the preparation of 3-methylamino-1-(2-thienyl)-1-propanone)
IT 116539-59-4P, Duloxetine 116817-77-7P, Duloxetine oxalate
RL: PNU (Preparation, unclassified); PREP (Preparation)
(preparation of)
IT 667465-15-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of)
IT 116539-55-0P 116539-56-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	46.01	219.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.90	-3.90

STN INTERNATIONAL LOGOFF AT 19:43:56 ON 05 DEC 2007